

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

April 20, 1994

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
505/827-5800

Union Oil Company of California (UNOCAL)
P.O. Box 2620
Casper, WY 82602-2620

Attention: Jim Benson

Administrative Order NSL-3381

Dear Mr. Benson:

Reference is made to your application dated February 18, 1994 for a non-standard South Blanco Tocito oil well location for your proposed Rincon Unit Well No. 150E to be drilled 790 feet from the North and West lines (Unit D) of Section 6, Township 26 North, Range 6 West, NMPM, South Blanco Tocito Oil Pool, Rio Arriba County, New Mexico.

It is our understanding that this well is to be dually completed in both the South Blanco Tocito Oil Pool and the Basin-Dakota Pool. Further, the location of said well is considered standard pursuant to the Special Rules and Regulations for the Basin-Dakota Pool, but is considered unorthodox per Rule 3 of the Special Rules and Regulations for the South Blanco Tocito Oil Pool, as promulgated by Division Order No. R-1191.

By the authority granted me under the provision of said Special Rules and Regulations for the South Blanco Tocito Oil Pool, and Division Memorandum 4-86 dated June 2, 1986, the above-described unorthodox oil well location is hereby approved. Further, the N/2 NW/4 equivalent of said Section 6 shall be dedicated to said well forming a standard 80-acre, more or less, oil spacing and proration unit for said pool.

Also, UNOCAL shall comply with all provisions of Division General Rule 112-A pertaining to dually completing the Basin-Dakota Pool and the Undesignated South Blanco Tocito Oil Pool in the subject well.

Sincerely,

William J. LeMay
Director

WJL/MES/amg

cc: Oil Conservation Division - Aztec
US Bureau of Land Management - Farmington

RECEIVED
MAY - 2 1994
OIL CON. DIV.
DIST. 3

Ernie Busch

From: Ernie Busch
To: Mike Stogner
Subject: UNOCAL OIL & GAS DIVISION (NSL)
Date: Tuesday, February 15, 1994 8:38AM

WELL NAME: RINCON #150E
WELL LOCATION: D-06-26N-06W
FOOTAGE CALL: 790' FNL; 790' FWL
RECOMMEND: APPROVAL

Unocal Oil & Gas Division
Unocal Corporation
900 Werner Court, P.O. Box 2620
Casper, Wyoming 82602-2620
Telephone (307) 234-1563

UNOCAL 76

February 18, 1994

State of New Mexico
Oil Conservation Division
310 Old Santa Fe Trail
Santa Fe, New Mexico 87503

Gentlemen:

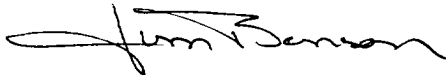
Union Oil Company of California (UNOCAL) requests permission for a nonstandard Tocito location for our Rincon Unit No. 150E well, located 790' FNL & 790' FWL, Section 6, T26N, R6W, Rio Arriba County, New Mexico.

This well is a proposed dual Basin Dakota/South Blanco Tocito well that does not conform, as staked, to a "standard" Tocito location. While this is a "legal" Dakota location (the Dakota being the deepest and primary zone of interest), it does not conform to the narrow window of a "legal" Tocito well. It is not feasible to move the proposed location to the SE to conform to a "legal" Tocito location due to the surrounding topography. See attachments.

There are no offset lease owners.

If you have any questions, please contact me at (307) 234-1563, ext. 116. Thank you for your help in this matter.

Sincerely,



Jim Benson
Drilling Superintendent

Attachments

✓cc: Ernie Busch, Aztec, NM

JBB:co

RECEIVED
FEB 22 1994
OIL CON. DIV
DIST. 2

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

REVISED 2/18/94

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK **DRILL ☒** **DEEPEN ☐**

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR
UNION OIL COMPANY OF CALIFORNIA

3. ADDRESS AND TELEPHONE NO.
P. O. Box 2620, Casper, WY 82602 (307)234-1563, ext. 116

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
790' FNL & 790' FWL
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 25 miles SE of Blanco, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) **790'**

16. NO. OF ACRES IN LEASE **161.81**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **350'**

19. PROPOSED DEPTH **7620'**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6700' GR

5. LEASE DESIGNATION AND SERIAL NO.
SF 07930

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
RINCON

8. FARM OR LEASE NAME, WELL NO.
RINCON

9. API WELL NO.
150E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota/South Blanco
Tocito

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 6, T26N, R6W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

17. NO. OF ACRES ASSIGNED TO THIS WELL
Dakota 320/Tocito 80

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
4/15/94

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"-H-40	32.3#	450	± 250 sx class "B"
8 3/4"	7" - K-55	26# & 23#	± 7620'	2 stage w/DV tool at ± 5000'
				1st - Lead, ± 450 sxs "Lite"-tail
				125 sxs Class B
				2nd - Lead ± 750 sxs "Lite"-tail,
				125 sxs Class B

Proposed Drilling Program:

Drill 12 1/4" hole to 450' w/spud mud. Run & cmt to surf. 9 5/8" csg. Nipple up & test BOPE. Drill 8 3/4" hole to ± 7620' -TD w/fresh water/gel mud system. Log & if productive, run & cmt 7" csg in 2 stages w/ "DV" tool at ± 5000'. Selectively perforate the Dakota and Tocito formations. Fracture stimulate both zones separately as required. Test and complete both zones separately w/packer and 2 3/8" tbq.

NOTE: Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Union Oil Company of California (BLM Bond # CA0048).

FEB 22 1994

OIL CON. DIV

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Jim Benson TITLE Drilling Superintendent DATE 1/12/94

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE _____

***See Instructions On Reverse Side**

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1990, Hobbs, NM 88240

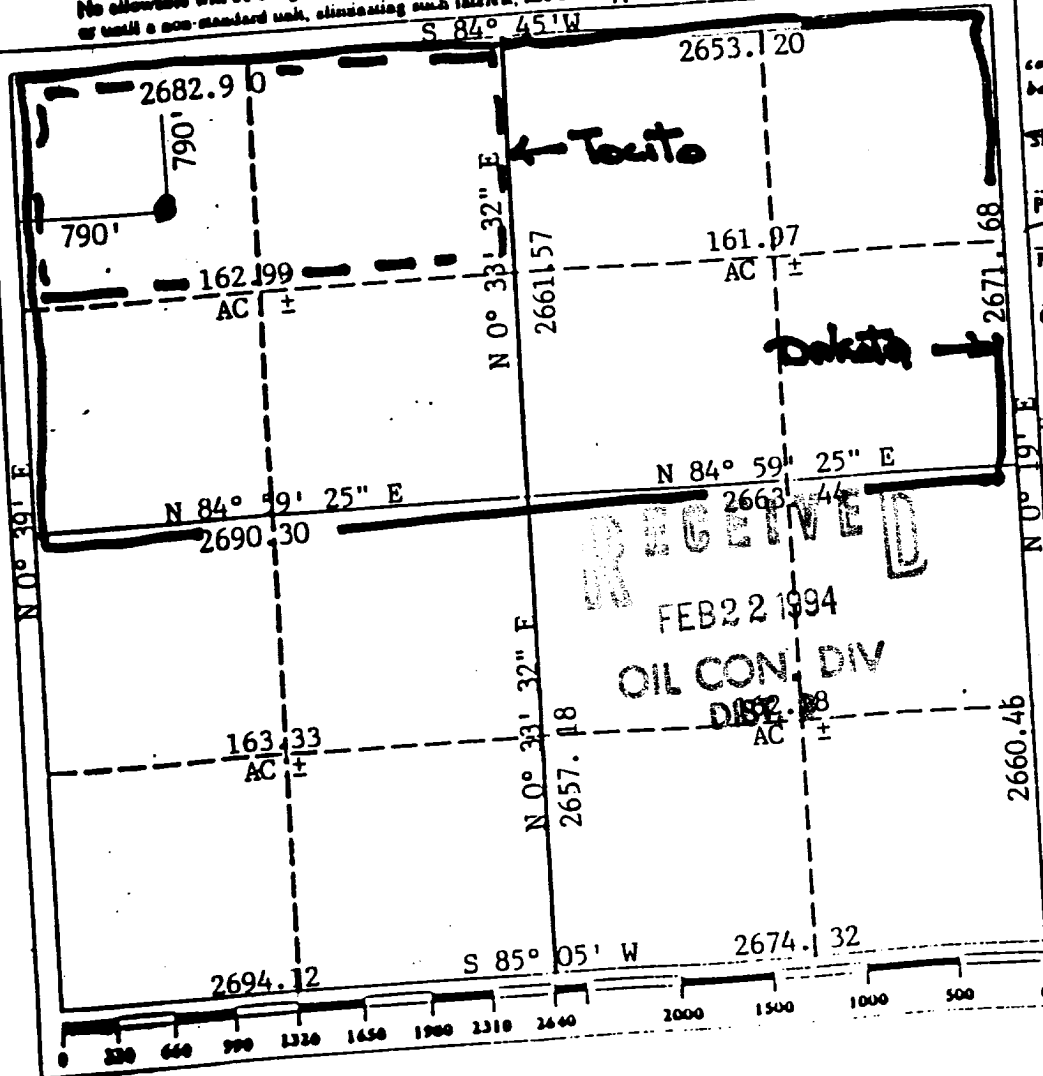
DISTRICT II
P.O. Drawer DD, Aztec, NM 88210

DISTRICT III
1000 Rio Arriba Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator		UNOCAL		Lease		Well No	
Unit Letter	Section	Township	Range	County	Dedicated Acreage		
D	6	26N	6W	NMPPM	Rio Arriba		150-E
Actual Footage Location of Well:				790 feet from the West line			
Ground level Elev.				Producing Formation			
6700				Dakota/Tocito			
				Basin / South Blanco			
				Tocito -80			

- Outline the acreage dedicated to the subject well by colored pencil or hardware marks on the plat below.
 - If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
 - If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force pooling, etc? ☒ Yes ☐ No If answer is "yes" type of communitization/unitization consolidation which have actually been consolidated (Use reverse side of this form if necessary).
- No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: Jim Benson
Printed Name: Jim Benson
Position: Drilling Superintendent
Company: Union Oil Co.
Date: 1/12/94

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same are true and correct to the best of my knowledge and belief.

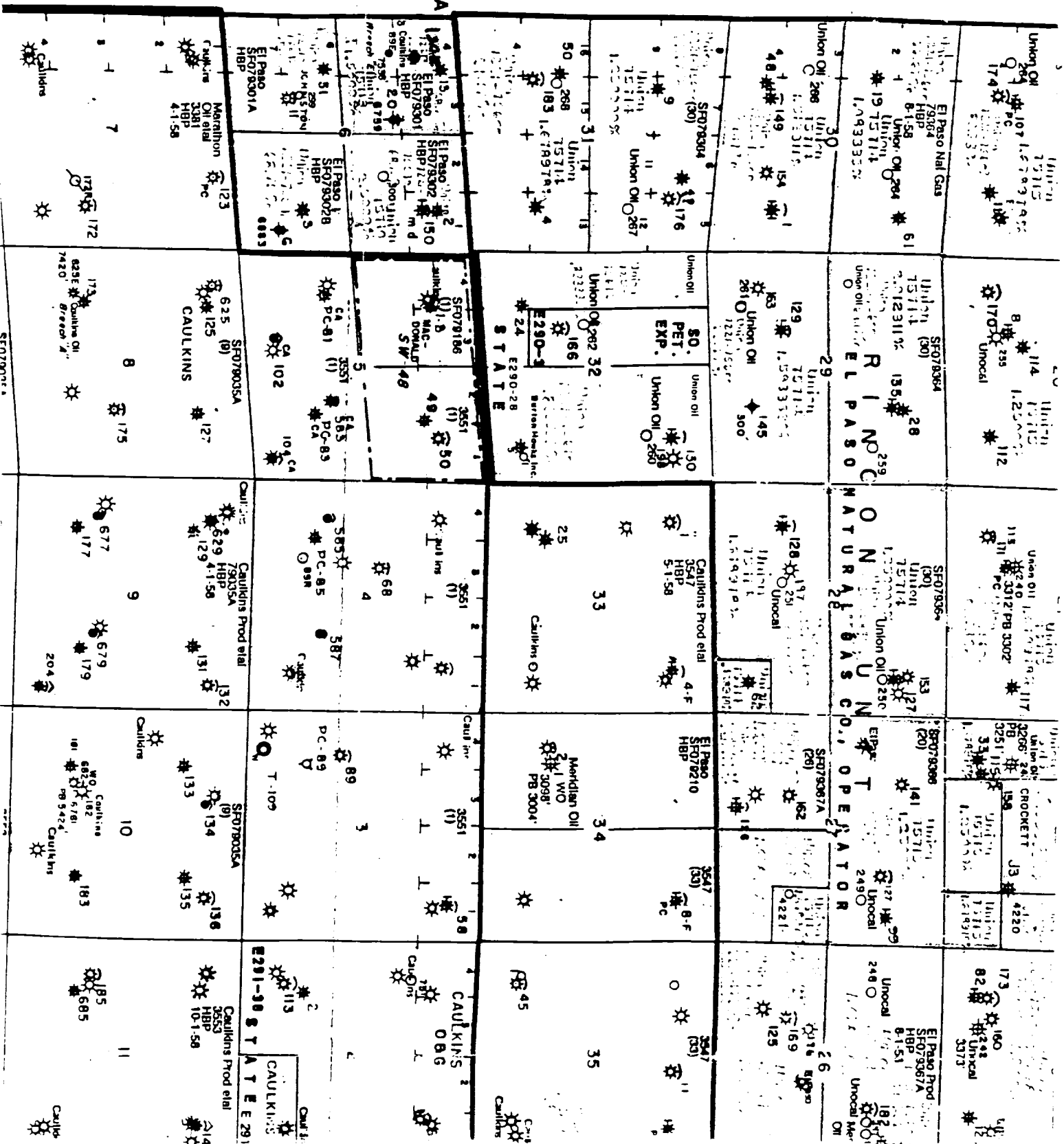
Date Surveyed: September 20, 1993
Signature & Seal of Professional Surveyor: Cecil B. Tullis
Restake January 11, 1994
Certificate No. 96 PROFESSIONAL LAND SURVEYOR

15. _____

Old Pass Rd
ON UNIT



**RIO ARRIBA
NM18
26N-8W**



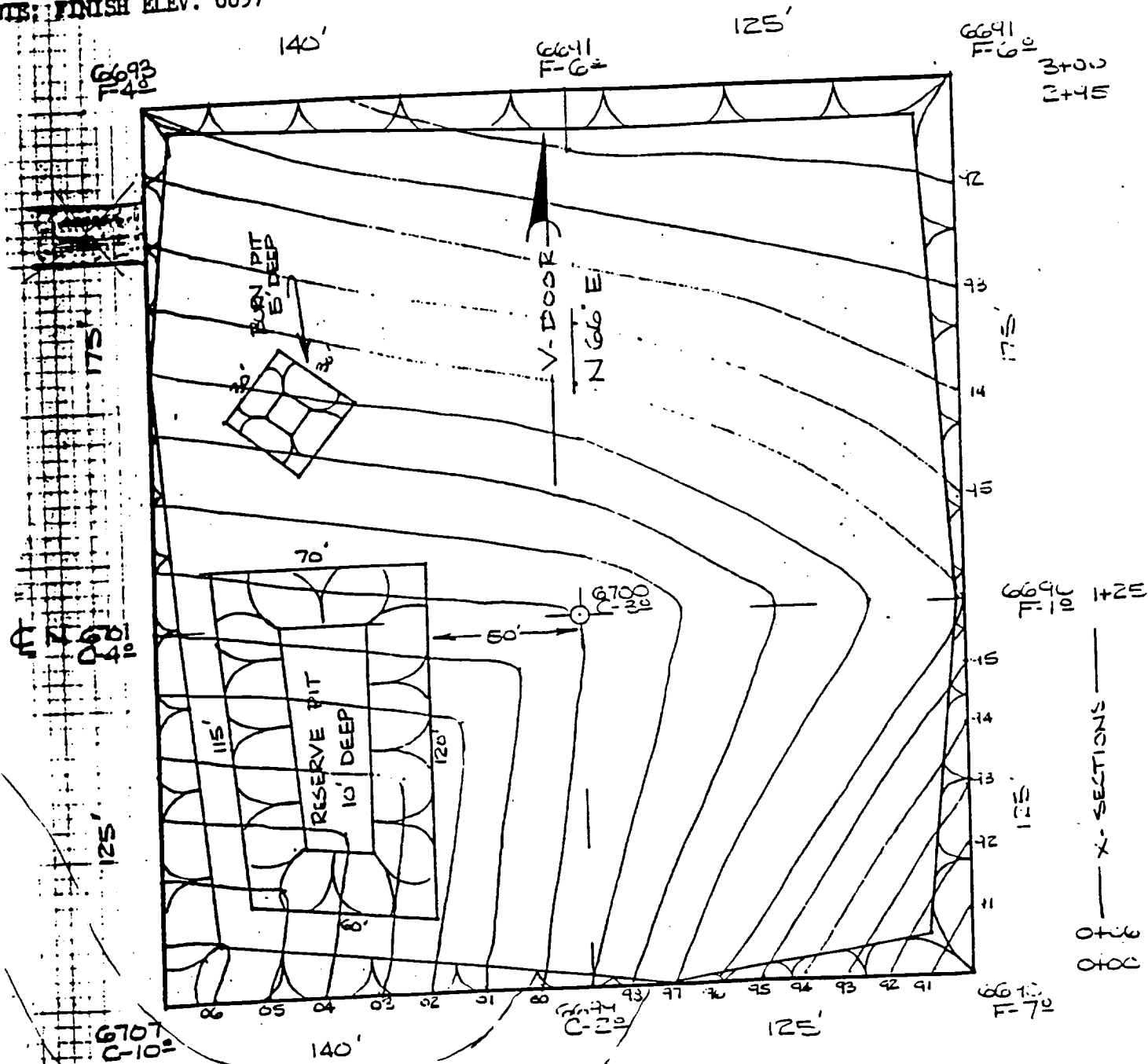
UNOCAL

Contour Int. = 1'

Scale: 1" = 50'

RINCON 150-E
790 F/NL & 790 F/WL
Sec. 6 T26N R6W N.M.P.M.
Rio Arriba Co., NM

NOTE: FINISH ELEV. 6697



± 90' ACCESS

* NOTE FINISH PAD EL 6697 *

PAD LAYOUT AND TOPOGRAPHY

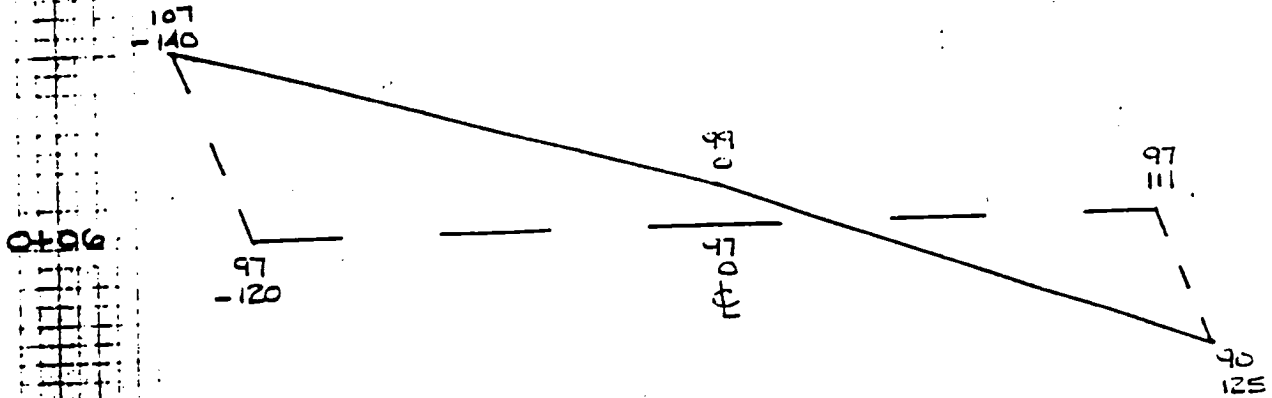
CLIX

RINCON 150-E

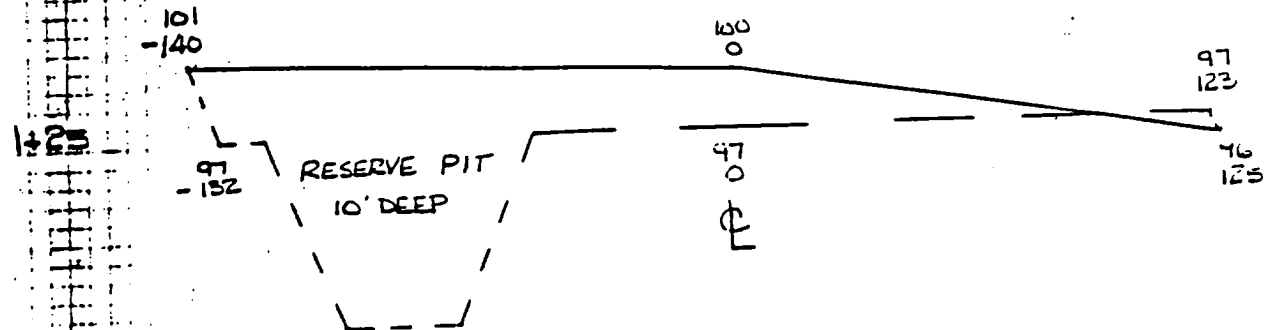
scale: Horiz. 1" = 50'
 Vert. 1" = 10'

ZERO CUT/FILL

0+00

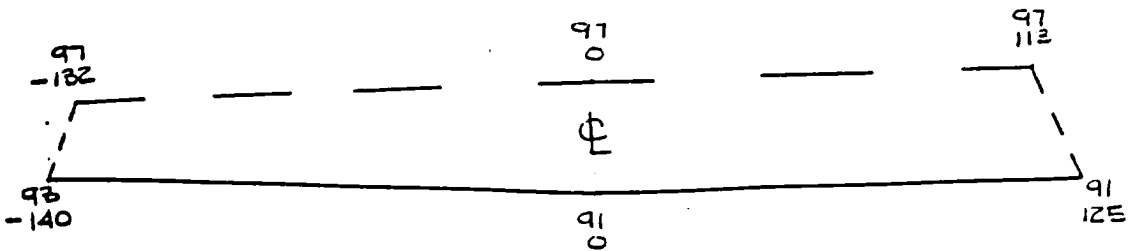


0+96

X-SECTIONS AND VOLUMES

1+25

2+95



CUT.....5067 CU YDS.
 FILL.....5283 CU YDS.
 PIT EXCAVATION.....1699 CU YDS.

ZERO CUT/FILL

3+00